

**PATENT APPLICATION**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re the Application of:

Jean-Paul et al.

Art Unit: To Be Assigned

Application No.: New Application

Examiner: To Be Assigned

Filed: October 19, 2001

Attorney Dkt. No.: 103120-00026

For: METHOD AND DEVICE FOR DETECTING FLATNESS

**PRELIMINARY AMENDMENT**

Commissioner for Patents  
Washington, D.C. 20231

Date: October 19, 2001

Sir:

Prior to calculation of the filing fees and initial examination of the application,  
please amend the above-identified application as follows:

**IN THE CLAIMS:**

Please amend claims 13 and 15 as follows. A copy of the marked up original  
claims is attached to this paper showing the changes as set forth in amended 37 CFR  
1.121.

13. (Amended) A detection device according to claim 10, characterised in that  
the measuring roll (1) is placed between two pairs of pinch rolls, respectively upstream  
(8) and downstream (8'), each comprising a fixed roll (81) and a roll (82) mobile  
vertically for clamping the band 2 and in that both pairs of pinch rolls (8, 8') are

associated respectively with individual rotational driving means that determine angular speed of the downstream rolls (8'), a speed which is slightly greater than the angular speed of the upstream rolls (8), in order to subject the band (2) to a set application tension on the measuring roll (1).

15. (Amended) A detection device according to one of the claims 5 to 8, characterised in that the measuring roll is of the type comprising a plurality of detection zones retracted in the direction transversal to the band and distributed over the whole length of the roll, whereas each detection zone comprises a sensor transmitting a signal depending on the application pressure of the corresponding zone of the band as the band passes through the angular contact sector, and in that the said detection zones are brought back to the same equilibrium temperature, at each passage through the free sector of the roll.

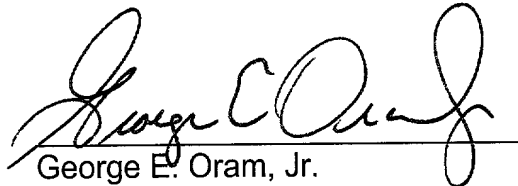
### **REMARKS**

Claims 1-15 are pending in this application. By this Amendment, claims 13 and 15 are amended to correct the multiple dependency thereof and to place this application into better condition for examination. No new matter has been added.

Please charge any fee deficiency or credit any overpayment to Deposit Account

No. 01-2300.

Respectfully submitted,



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### MARKED-UP CLAIMS

13. (Amended) A detection device according to [one of the claims 10 to 12] claim 10, characterised in that the measuring roll (1) is placed between two pairs of pinch rolls, respectively upstream (8) and downstream (8'), each comprising a fixed roll (81) and a roll (82) mobile vertically for clamping the band 2 and in that both pairs of pinch rolls (8, 8') are associated respectively with individual rotational driving means that determine angular speed of the downstream rolls (8'), a speed which is slightly greater than the angular speed of the upstream rolls (8), in order to subject the band (2) to a set application tension on the measuring roll (1).

15. (Amended) A detection device according to one of the claims [5 to 14] 5 to 8, characterised in that the measuring roll is of the type comprising a plurality of detection zones retracted in the direction transversal to the band and distributed over the whole length of the roll, whereas each detection zone comprises a sensor transmitting a signal depending on the application pressure of the corresponding zone of the band as the band passes through the angular contact sector, and in that the said detection zones are brought back to the same equilibrium temperature, at each passage through the free sector of the roll.